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COMPARISON OF SA-3 SAM SITES
CUBA AND USSR

1. SIGNIFICANCE:

COMPARISON OF THE NEWLY IDENTIFIED CUBAN SA-3 SAM SITE AND A TYPICAL SA-3 SAM SITE IN THE USSR. THIS IS THE FIRST IDENTIFICATION OF AN SA-3 SAM SITE DEPLOYED OUTSIDE OF THE USSR.

2. REMARKS:

THE SA-3 (GOA) SURFACE-TO-AIR MISSILE, FIRST OBSERVED IN THE MOSCOW PARADE ON 7 NOVEMBER 1964, IS A TWO STAGE, TANDEM CONFIGURED VEHICLE USING SOLID PROPELLANT MOTORS IN BOTH STAGES. THE MISSILE HAS A MAXIMUM EFFECTIVE RANGE OF APPROXIMATELY 14 NM.

THE SA-3 WAS DESIGNED TO OPERATE PRIMARILY AS A LOW ALTITUDE INTERCEPTOR, 35,000 FT AND BELOW, BUT IT IS ALSO CONSIDERED TO HAVE SOME CAPABILITY IN THE MEDIUM ALTITUDES, E.G., 50,000 FT. THE MAXIMUM EFFECTIVE LOW ALTITUDE CAPABILITY REMAINS UNKNOWN DUE TO LACK OF KNOWLEDGE OF THE SYSTEM GUIDANCE RADAR.

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THE SA-3 SYSTEM IS HIGHLY MOBILE AND THE MISSILES ARE TRANSPORTED TWO AT A TIME ON A SPECIALLY CONFIGURATED ZIL-157 TRANSPORTER.

AT PRESENT THERE ARE 110 SA-3 SAM SITES IN THE SOVIET UNION.

3. LOCATION:

PUNTA BALLEMATOS SA-3 SAM SITE, CUBA: 6.8 NM SW OF PLAZA DE LA REPUBLICA, LA HABANA AT 230440N - 0822945W (UTM 17QLR 467527).

SEVERODVINSK SAM SITE A01-3, USSR: 4.3 NM NNE OF SEVERODVINSK.

4. MISSION READOUT:

GLASS LAMP [REDACTED] REPORTS A NEWLY IDENTIFIED SA-3 SAM SITE CONSISTING OF 4 REVETTED LAUNCH POSITIONS, A REVETTED GUIDANCE AREA, AND A REVETTED POSSIBLE MISSILE HOLD POSITION, ALL UNOCCUPIED AND IN LATE STAGES OF CONSTRUCTION.

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[REDACTED] REPORTS ALL POSITIONS OF THE SEVERODVINSK SAM SITE ARE OCCUPIED BY MISSILES ON LAUNCHERS. THE GUIDANCE AREA IS OCCUPIED BY A LOW BLOW RADAR. THE MISSILE-HOLD POSITION IS PARTIALLY COVERED AND OCCUPIED BY 5 COVERED SA-3 MISSILE TRANSPORTERS. THE SITE IS COLLOCATED WITH SEVERODVINSK SAM SITE A36-2 AND USES THE SAME ON-SITE SUPPORT FACILITY.

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FOUR SETS OF BOGIE WHEELS, 5 VANS, AND 6 OTHER VEHICLES/PIECES OF EQUIPMENT
ARE OBSERVED WITHIN THE FACILITY.

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